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MODULE 11: Automated testing of Web Services with JS

## home task

if mentee's project has something to do with REST web-services, the tasks that are described below should be done using a mentee's REST web-service. Mentor is allowed to tailor given tasks to mentee’s REST web-service without losing a sense of the given tasks. Otherwise, it should be done using the provided REST web-service.

1. Create a test to verify an http status code:
   * Send the http request by using the GET method.
   * The URL is <https://jsonplaceholder.typicode.com/users>
   * Validation: status code of the obtained response is 200 OK
2. Create a test to verify an http response header:

* Send the http request by using the GET method.
* The URL is <https://jsonplaceholder.typicode.com/users>
* Validation: - the content-type header exists in the obtained response

- the value of the content-type header is application/json; charset=utf-8

1. Create a test to verify an http response body:

* Send the http request by using the GET method:
* The URL is <https://jsonplaceholder.typicode.com/users>
* Validation: the content of the response body is the array of 10 users

Example of TAF for service testing can be found [here](https://github.com/VolhaShut/Services-testing-example).

## Bonus TAsk

* Implemented additional tests (defined with your mentor) for the GitHub gist using REST API. The implemented tests should be done using the following http methods: post, put, delete and patch. The documentation of the API is located [here](https://developer.github.com/v3/gists/).

## acceptance criteria

1. Tests should be created using Rest Based Template.
2. Tests have to include validations that are given.
3. Implemented tests should be readable.
4. Tests must be implemented so that they could be launched in parallel.
5. Naming and Code Conventions should be followed.
6. As for tests of the bonus task, they should be created to test CRUD operations of the given resource.